

essary)

ATTY. DOCKET NO. SERIAL NO. GRUE-003 09/269,874 **APPLICANT** Bujard et al. FILING DATE GROUP August 2, 1999 1646

			(Use several sheets if nec	
P	E	₹ 		
		<u></u>		_

## **U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## **FOREIGN PATENT DOCUMENTS**

		Document Number	Date of	Country	Class	Subclass	Trans	lation
			Publication	·			Yes	No
JA+	AA-1	WO 94/28930	12-22-94	PCT		·		
VA	AB-1	0 154 454 A1	09-11-85	EP .				
W	AC-1	0 340 359 A1	11-08-89	EP	-			
U4	AD-1	0 359 472 A2	03-21-90	EP		-		
W	AE-1	0 385 962 A1	09-05-90	EP				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		·
Ut	AF-1	Blackman et al. (July 1990), "A Single Fragment of a Malaria Merozoite Surface Protein Remains on the Parasite During Red Cell Invasion and is the Target of Invasion-inhibiting Antibodies," <i>J. Exp. Med.</i> , Vol.172:379-382.
Ut	AG-1	Chang et al. (January 1996), "A Recombinant Baculovirus 42-Kilodalton C-Terminal Fragment of <i>Plasmodium falciparum</i> Merozoite Surface Protein 1 Protects <i>Aotus</i> Monkeys Against Malaria," <i>Infection and Immunity</i> , Vol. 64(1):253-261.
W	AH-1	Etlinger et al. (October 1991), "Ability of Recombinant or Native Proteins to Protect Monkeys Against Heterologous Challenge with <i>Plasmodium falciparum</i> ," <i>Infection and Immunity</i> , Vol. 59(10):3498-3503.
ÚŦ	AI-1	Gentz et al. (1988), "Major Surface Antigen p190 of <i>Plasmodium falciparum:</i> detection of Common Epitopes Present in a Variety of Plasmodia Isolates," <i>EMBO Journal</i> , Vol. 7(1):225-230.
alt	AJ-1	Gossen et al. (June 1992), "Tight Control of Gene Expression in Mammalian Cells by Tetracycline-Responsive Promoters," <i>Proc. Natl. Acad. Sci. USA,</i> Vol.89:5547-5551.
alt	AK-1	Hall et al. (September 1984), "Major Surface Antigen Gene of a Human Malaria Parasite Cloned and Expressed in Bacteria," <i>Nature,</i> Vol. 311:379-382.
UJ	AL-1	Heidrich et al. (1989), "The N-Terminal Amino Acid Sequences of the <i>Plasmodium falciparum</i> (FCB1) Merozoite Surface Antigens of 42 and 36 Kilodalton, Both Derived from the 185-195-Kilodalton Precursor," <i>Mol. &amp; Biochem. Parasitology,</i> Vol. 34:147-154.
UF	AM-1	Herrera et al. (January 1992), "Protection Against Malaria in <i>Aotus</i> Monkeys Immunized with a Recombinant Blood-Stage Antigen Fused to a Universal T-Cell Epitope: Correlation of Serum Gamma Interferon Levels with Protection," <i>Infection and Immunity</i> , Vol. 60(1):154-158.
lt-	AN-1	Herrera et al. (May 1990), "Immunization of <i>Aotus</i> Monkeys with <i>Plasmodium falciparum</i> Blood- Stage Recombinant Proteins," <i>Proc. Natl. Acad. Sci. USA,</i> Vol. 87:4017-4021.



## INFORMATION DISCLOSURE CITATION Form PTO-1449 (Modified)

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.		
GRUE-003	09/269,874		
APPLICANT			
Bujar	d et al.		
FILING DATE	GROUP		
August 2, 1999	1646		

<u>(6)</u>		<u>~</u>	
	3 1 2000	Ž	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)
U	MATTHE		Holder et al. (1988), "Immunization Against <i>Plasmodium falciparum</i> with Recombinant Polypeptides Produced in <i>Escherichia coli</i> ," <i>Parasite Immunology,</i> Vol. 10:607-617.
u	AP		Holder et al. (September 1985), "Primary Structure of the Precursor to the Three Major Surface Antigens of <i>Plasmodium falciparum</i> Merozoites," <i>Nature,</i> Vol. 317:270-273.
11	AC		Holder et al. (November 1981), "Immunization Against Blood-Stage Rodent Malaria Using Purified Parasite Antigens," <i>Nature,</i> Vol. 294:361-364.
)1	AF	1	Majarian et al. (June 1984), "Passive Immunization Against Murine Malaria with an IgG3 Monoclonal Antibody," <i>J. of Immunology,</i> Vol. 132(6):3131-3137.
/1			Miller et al. (1993), "Analysis of Sequence Diversity in the <i>Plasmodium falciparum</i> Merozoite Surface Protein-1 (MSP-1)," <i>Mol. and Biochem. Parasitology,</i> Vol. 59:1-14.
- {	AT		Myler (1989), "Nucleotide and Deducted Amino Acid Sequence of the gp195 (MSA-1) Gene from Plasmodium falciparum," Nucleic Acids Research, Vol. 17(13):5401.
h	AU		Pan et al. (1995), "A Direct and Rapid Sequencing Strategy for the <i>Plasmodium falciparum</i> Antigen Gene gp190/MSA1," <i>Mol. and Biochem. Parasitology,</i> Vol. 73:241-244.
1,	AV		Patarroyo et al. (August 1987), "Induction of Protective Immunity Against Experimental Infection with Malaria Using Synthetic Peptides," <i>Nature</i> , Vol. 328:629-632.
ĥ	AW		Perrin et al. (August 1984), "Antimalarial Immunity in Saimiri Monkeys," <i>J. Exp. Med.,</i> Vol. 160:441-451.
11	AX		Pfefferkorn et al. (1976), "Toxoplasma gondii: Isolation and Preliminary Characterization of Temperature-Sensitive Mutant," <i>Experimental Parasitology</i> , Vol. 39:365-376.
17	AY		Pirson et al. (March 1985), "Characterization with Monoclonal Antibodies of a Surface Antigen of Plasmodium falciparum Merozoites," <i>J. of Immunology,</i> Vol. 134(3):1946-1951.
ļì	AZ		Siddiqui et al. (May 1987), "Merozoite Surface Coat Precursor Protein Completely Protects <i>Aotus</i> Monkeys Against <i>Plasmodium falciparum</i> Malaria," <i>Proc. Natl. Acad. Sci. USA:,</i> Vol. 84:3014-3018.
. , b	ВА		Tanabe et al. (1987), "Allelic Dimorphism in a Surface Antigen Gene of the Malaria Parasite Plasmodium falciparum," J. Mol. Biol., Vol. 195:273-287.
h			Tolle et al. (January 1993), "A Prospective Study of the Association Between the Human Humoral Immune Response to <i>Plasmodium falciparum</i> Blood Stage Antigen gp190 and Control of Malarial Infections," <i>Infection and Immunity</i> , Vol. 61(1):40-47.
1,	ВС		Kaslow et al. (1994), "Expression and Antigenicity of <i>Plasmodium falciparum</i> Major Merozoite Surface Protein (MSP1 <sub>19</sub> ) Variants Secreted from <i>Saccharomyces cerevisiae</i> ," <i>Molecular and Biochemical Parasitology</i> , Vol. 63:283-289.

EXAMINER About Adda	DATE CONSIDERED
WING FULL	//~/9-01

**EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.